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SUBJECT: How Scientific Research Work is Furnished
to Industrial Enterprises by Local
Scientific Establishments.

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1. [redacted] the question of how much and what kind of industrial scientific research work is done in enterprises by local scientific organizations.
2. Ministries and departments in the USSR have scientific research institutes which handle scientific research work for the enterprises and organizations coming under the jurisdiction of the particular ministry or department in question. Besides, there are also branches of the Academy of Sciences of the USSR and of the various republics as well as scientific research institutes of the Academy of Sciences.
3. Let us see how the enterprises and organizations of the system of the merchant and river fleet are provided with scientific research work. In the system of the merchant fleet there is one scientific research institute and five higher educational institutions (not counting the academies of the merchant fleet), located in Leningrad, Odessa and Vladivostok. In the system of the river fleet there are two scientific research institutes and three higher educational institutions (not counting the academies of the river fleet), located in Moscow, Leningrad, Gorki and Novosibirsk. Some of the scientific research work of these establishments is designed to improve

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the work of the merchant and river fleet and to put into operation more advanced techniques. Besides handling general problems faced by the entire merchant and river fleet system, the scientific research and educational institutions work out problems which may come up in any of the individual enterprises and organizations of the system. Also these establishments work out special operational problems by the order of one of the enterprises (the so-called individual agreements in creative cooperation between scientific and production workers). And finally, these establishments maintain connections with enterprises by means of advice or help to production workers in the form of written or oral consultations, and by the reading of research papers and lectures at the enterprises by technical experts and analysts.

4. In the last two cases it is obvious that daily and more substantial type of scientific help can be had more easily by the enterprises located in the same town as the scientific research or educational institution. Enterprises located in other towns are sometimes driven by extreme need to ask for help from scientific establishments belonging to other departments, but this happens comparatively seldom. There is a slight chance of obtaining help from a corresponding branch scientific establishment of the Academy of Sciences, but this is possible in those cases where the establishment is located in the same area as the enterprise. For example, the enterprises of the merchant fleet in the town of Baku in many cases receive scientific aid from the transportation section of the academy of sciences of the Azerbaijan SSR.
5. It is necessary to note that the local divisions and yacheyki of the scientific engineer-technical societies having close connections in their work with official scientific establishments, are very important in industrial scientific research work.
6. The following conclusions should be drawn from the foregoing information:
 - (a) The scientific establishments of the merchant and river fleet are located in the large industrial centers, Leningrad, Moscow, Odessa, Gorki, Novosibirsk and Vladivostok.
 - (b) These establishments have as their mission the provision of scientific research work mainly to enterprises of the merchant and river fleet and in some cases to enterprises of the ship-building industry, even though these enterprises are scattered widely throughout the country.
 - (c) It is much easier for those enterprises located in the same town as the scientific establishment to receive daily, systematic and direct help from that establishment.
 - (d) It is quite difficult to receive help from scientific establishments of another ministry or department owing to the existing character of interdepartmental relations. Practically speaking the enterprises rarely request help from any scientific establishments belonging to other ministries or departments even though the establishment may be located in the same town as the enterprise in question.
 - (e) The main centers of scientific work in the peripheral areas (where there are no official scientific establishments) are the yacheyki and divisions of the All-Union Scientific Engineer-Technical Society.

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